

National Park Service U.S. Department of the Interior

FOR IMMEDIATE RELEASE August 17, 2007 07-23 Glen Canyon National Recreation Area 691 Scenic View Dr. PO Box 1507 Page, AZ 86040-1507

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Glen Canyon News Release

Search for Quagga or Zebra Mussels Continues

Page, Ariz. – The search for adult quagga or zebra mussels is continuing at Glen Canyon National Recreation Area. Since Friday, August 10, divers have been searching the Wahweap Marina area for visible quagga or zebra mussels. They have been carefully inspecting boats, cables, and dock structures. As of today, approximately 500 boats in the Wahweap Marina have been thoroughly examined for mussels. So far, no visible quagga or zebra mussels have been found.

Additional sampling for microscopic larval mussels is also continuing in the Wahweap Marina area in hopes of identifying a "hot spot" of activity. Samples were also collected this week by the Utah Division of Wildlife Resources at Bullfrog and Halls Crossing Marinas, in the San Juan Arm of Lake Powell, the Rincon, Padre Bay, and Good Hope Bay.

Most of the samples are being sent to a Bureau of Reclamation laboratory in Denver for processing. The results of these samples are listed in the table below. In addition, the National Park Service has upgraded its microscopic equipment at the Wahweap laboratory, which allows some samples to be examined locally.

On Wednesday, August 15, a boat with quagga mussels attached to it arrived at Glen Canyon National Recreation Area. The boat had come from Lake Mead, where it had been moored since April. The boat was fully decontaminated by ARAMARK at the new Wahweap decontamination station before it was permitted to launch into Lake Powell. This was the second boat this year that had come to Glen Canyon with quagga mussels visibly attached.

Superintendent Kitty Roberts reminds visitors that, "We are still actively trying to prevent quagga or zebra mussels from infesting Lake Powell. At the same time, we are mounting a major search to determine if an established population exists in the Wahweap area, while expanding our sampling to determine if mussel larvae are present in other parts of the lake."

- www.nps.gov/glca-

Quagga/Zebra Mussel Test Results as of August 16, 2007:

Sample	Location	Microscopic	Number of	Concentration
Date		Results	Larvae Detected	Per Liter of
				Water Sampled
July 19	Main Channel near	Positive*	1	.04
	Glen Canyon Dam			
July 19	Main Channel near	Negative	0	0
	Glen Canyon Dam			
July 30	Main Channel near	Negative	0	0
	Glen Canyon Dam			
July 30	Wahweap Marina,	Positive*	2	.01
	south side breakwater			
July 30	Antelope Point Marina	Negative	0	0
	Launch Ramp			
Aug. 6	Wahweap Marina,	Positive	7	.02
	south side breakwater			
Aug. 6	Wahweap Marina,	Positive	9	.02
	south side breakwater			
Aug. 6	Wahweap Marina,	Positive	8	.02
	north side breakwater			
Aug. 6	Wahweap Marina,	Positive	13	.05
	north side breakwater			
Aug. 6	Wahweap Marina	Positive	1	.004
	north of launch ramp			
Aug. 6	Wahweap Marina,	Positive	6	.02
	north of launch ramp			
Aug. 6	Stateline launch ramp	Positive	2	.006
Aug. 6	Stateline launch ramp	Positive	4	.01

^{*}Sample also confirmed using DNA fingerprint analysis.